

IMPLEMENTATION OF FINAL RESERVE OPERATIONS PLAN - September 2005

	<i>ACTION PLAN</i>	<i>ROP Timeline</i>	<i>ROP Outputs</i>	<i>Implementation Status</i>	<i>Ranking</i>
	Operations				
OP1	OP-1: Carry out effective office administration and infrastructure.				
OP1.1	1. Recruit and hire priority staff and contractors, including identifying and obtaining expertise through partners.	Additional staff will be hired as budgets allow.	In addition to staff functions already acquired, additional priority staff and contractors hired (or otherwise available to assist in Reserve Operations) including (in no particular order): Enforcement Coordinator, Permit Coordinator, Coral Reef Ecologist, Native Hawaiian Cultural Advisor, Reserve Advisory Council coordinator, Field Operations Coordinator, Discovery Center Docents/Education Support Staff, Volunteer Coordinator	Initiated and Ongoing	A
OP1.2	2. Establish Reserve offices and other facilities, as needed.	In 2004, the Honolulu staff will co-locate with the staff from HIHWNMS and NMSP.	Regional offices established in Honolulu (Oahu). Hilo Discovery Center established.	Completed	C
OP1.3	3. Procure necessary equipment and vehicles.	Ongoing	Necessary equipment procured and vehicles leased.	Completed	B
OP1.4	4. Operate and maintain Reserve facilities and equipment.	Ongoing	Reserve catamaran vessel built and in operation.	Completed	A
OP2	OP-2: Coordinate Reserve Advisory Council operations.				
OP2.1	1. Conduct regular Council meetings to advise NMSP on Reserve operations and sanctuary designation process.	Meetings will be held not less than 4 times a year, not to exceed one meeting per month.	At least 4 Council meetings per year conducted.	Initiated and Ongoing	A
OP2.2	2. Establish administrative procedures for the Council.	Modifications and improvements will be ongoing, with specific changes to occur as Council officers change and/or Council members change during term expirations.	Procedures for conducting Council operation (e.g., leadership structure, travel arrangements, meeting arrangements, and communication protocols) established and reviewed annually.	Initiated and Ongoing	A
OP2.3	3. Facilitate Council advice in the refinement and priority setting for the Reserve Operations Plan including travel, venues and other services as necessary.	Ongoing	Council advice on the Reserve Operations Plan solicited and evaluated for the final draft.	Completed	A

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OP2.4	4. Prepare and engage the Council in the sanctuary designation process through meetings, regular communication, training, workshops, materials and other means.	continuous throughout the designation process	Council prepared for role in sanctuary designation process.	Initiated and Ongoing	A
OP3	OP-3: Carry out operational requirements of the Reserve, as specified in the Executive Orders				
OP3.1	1. Develop an operations plan to govern the management of the Reserve.	ROP finalized in 2004.	Completion of Reserve Operations Plan. Elements of the Plan operationalized.	Completed	A
OP3.2	2. Develop formal agreements with partners for the coordinated conservation and management of the Reserve.	MOU completed in 2004.	Interagency agreement among NOAA, the State of Hawaii and the USFWS completed.	Initiated and Ongoing	A
OP3.3	3. Report progress on the implementation of the EO to the Council on Environmental Quality.	Reports will be provided on a regular basis.		Completed	A
OP3.4	4. Determine, in consultation with the Governor of Hawai'i, whether State submerged lands and waters should be included in part of a proposed National Marine Sanctuary.	Discussions will occur throughout the sanctuary designation process.	Determination made on whether State submerged lands and waters should be included as part of a proposed National Marine Sanctuary.	Initiated and Ongoing	A
OP3.5	5. Delineate Reserve and Reserve Preservation Area (RPA) boundaries using straight-line boundaries, as appropriate, using technologies such as GPS and electronic charts for boundary clarification purposes.	New NOAA charts including outer Reserve boundaries and local notice to mariners describing outer boundaries of the Reserve and narrative references to the RPAs will be published in 2004, with additional Reserve Preservation Area boundaries included in 2004 revisions to the nautical charts.	Necessary straight-line boundaries established. Straight-line boundaries and Reserve outer boundaries included on corrected NOAA nautical charts.	Revised	A

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OP3.6	6. Develop formulas and definitions to determine fishing caps for commercial and recreational fisheries, including publishing a Notice of proposed caps in the Federal Register, and participation in the process of adding two Native Hawaiian bottomfish permittees.	Federal Register Notice for public comment on fishing caps is a high priority and will be conducted as soon as possible.	Appropriate fishing caps adopted for commercial fishing. Necessary data collected and used to establish appropriate fishing caps for recreational fishing. Two NWHI Mau Zone Community Development Program Bottomfish permits offered. Formulas and definitions leading to the determination of fishing caps for commercial and recreational fisheries developed.	Revised	A
OP3.7	7. Establish interagency management committee through interagency MOAs to facilitate coordinated management in the region.	Discussions have begun among the management agencies to establish such a committee.	Interagency management committee established. Regular progress reports completed.	Revised	A
OP3.8	8. Develop additional formal agreements with partner agencies, as necessary, for various aspects of formal management.	Ongoing	Additional agreements with individual management and/or enforcement agencies completed, as necessary.	Initiated and Ongoing	A
OP3.9	9. Work with the Native Hawaiian community and partner agencies to identify areas within the Reserve where appropriate non-commercial subsistence, cultural or religious uses may continue and evolve.	Additional advice will be solicited and facilitated through the Cultural Working Group of the Reserve Advisory Council	Areas identified where appropriate non-commercial subsistence, cultural or religious uses may continue.	Initiated and Ongoing	A
OP4	OP-4: Develop and implement permitting and notification procedures.				
OP4.1	1. Establish guidelines, requirements, thresholds, definitions and review criteria for Reserve permit applications, with input from recognized experts, and in accordance with the primary purpose of the EO.	Begin as soon as possible	Guidelines, requirements, thresholds, definitions and review criteria for permit applications developed.	Initiated and Ongoing	A
OP4.2	2. Develop and facilitate permitting and notification procedures and protocols throughout the NWHI, in coordination with jurisdictional partners.	Begin as soon as possible	Permitting and notification procedures developed and implemented to address activities.	Initiated and Ongoing	A
OP4.3	3. Develop and implement initial permit and notification procedures, inclusive of activities 1 & 2, including publishing a Federal Register Notice for public comment on proposed permitting procedures.	Begin as soon as possible	Published Federal Register Notice for public comment on initial permitting and notification procedures.	Revised	A

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OP4.4	4. Develop standard permit conditions to require the following: Pre-access training for all persons authorized or permitted to conduct activities within the Reserve; Cooperation with developing information for products for use in outreach and education; Procedures to inspect and treat vessels and equipment to prevent introduction of alien species	To be established once initial permitting procedures are implemented.	All persons authorized or permitted to carry out activities in the Reserve receive pre-access training and develop outreach and education information products on their activities.	Initiated and Ongoing	B
OP4.5	5. Explore all possible avenues with partner agencies to prevent negative impacts to the Reserve and adjacent and related ecosystems by any means of human conveyance including vessels (e.g. hull inspections).	To be initiated along with Activities 1&2.	Survey of all possible negative impacts to the Reserve by human conveyance completed. Assist partner agencies with inspection procedures of vessels entering the NWHI.	Initiated and Ongoing	B
OP4.6	6. Promote and explore all avenues to require insurance against vessel groundings, in partnership with other agencies.	To be initiated along with Activities 1&2.	Requirements for vessel grounding insurance developed with partners.	Post Designation	B
OP4.7	7. Conduct regular evaluations of the effectiveness of permitting procedures, and impacts of permitted activities.	First evaluation to be conducted one year after initial permitting procedures are established and implemented.	Annual report produced, documenting the nature and location of all activities tracked in the Reserve, including research, monitoring, education, recreational and commercial fishing.	Initiated and Ongoing	B
OP4.8	8. Continuously improve permitting procedures based on outcomes of activities 4-7.	To begin after completion of first evaluation.		Initiated and Ongoing	B
OP4.9	9. Conduct outreach to ensure awareness and compliance with permitting procedures of all jurisdictional agencies.	To begin once initial permitting procedures are developed and implemented.		To be initiated	C
OP5	OP-5: Conduct safe and effective field operations.				
OP5.1	1. Develop and implement logistics plan for remote field operations.	Development of the logistics plan will begin in spring 2004. Implementation will be ongoing with some components of the plan to be tested during the 2004 field season.	Assessment of available resources, identification of needed resources and logistics plan for remote field operations completed in coordination with partner agencies.	Initiated and Ongoing	B

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OP5.2	2. Coordinate and facilitate interagency field operations within the region.	Ongoing	All Reserve field operations conducted in partnership with other agencies and organizations.	Initiated and Ongoing	B
OP5.3	3. Conduct small boat operations.	Operations are continuous and will remain consistent with the latest NOAA guidance on safe small boat operations.	Reserve catamaran completed and outfitted, and captain/crew contracted. Injury free, cost-effective small boat operations conducted in accordance with NOAA policies.	Completed	B
OP5.4	4. Coordinate with NOAA Marine and Aircraft Operations (NMAO) for increased ship and aircraft support.	Continuous.	Increased ship and aircraft support obtained for research, monitoring, surveillance and enforcement. T-AGOS class vessel (Hi'ialakai) properly outfitted and commissioned for use in the NWHI. Ship time requested and allocated annually. Coordination with other research and field operations within the Reserve, particularly operations aboard the NOAA ship Oscar Elton Sette.	Initiated and Ongoing	B
OP5.5	5. Establish field capacity at Midway Atoll National Wildlife Refuge working with USFWS.	Planning will begin to work with the USFWS to develop an appropriate field capacity at Midway.	Field capacity established at Midway Atolls National Wildlife Refuge for research, monitoring, education, management and enforcement purposes.	Post Designation	B
OP5.6	6. Conduct annual evaluation of effectiveness and safety of field operations.	At the completion of the 2004 field season, the first annual evaluation will take place, to be completed by December 2004. Annual evaluations will follow.	Annual evaluations conducted to measure the effectiveness and safety of Reserve field operations.	To be initiated	B
	Education and Outreach				
ED1	ED-1: Develop annual education and communication plans in collaboration with partners.				
ED1.1	1. Conduct, assess and evaluate unique educational opportunities and challenges in the NWHI.	Formal meetings coordinated through the NWHI education project partners and the Education and Outreach working group and a workshop held in 2004 to compile assessment.	Assessment of the educational challenges and opportunities in the NWHI conducted with priorities outlined in summative document.	Initiated and Ongoing	A

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ED1.2	2. Build on existing educational network and the multi-agency NWHI education project team.	An existing network is already in place but will be continuously added to.	Network of educators and concerned individuals to carry the educational and outreach messages of the Reserve continuously expand.	Initiated and Ongoing	B
ED1.3	3. Develop annual education plans, and the processes by which they will be carried out, in concert with partner agencies.	First plan to be completed by summer 2004, with subsequent plans completed by October 1 of each calendar year.	Annual education plans completed and implemented within available funds.	Revised	C
ED1.4	4. Develop and implement an interagency communications plan.	An initial interagency communications plan will be completed by spring of 2004 and updated annually.	Interagency Communications plan completed, implemented and updated regularly.	Post-Designation	C
ED1.5	5. Participate in and sponsor partner agency educational effort.	Two partner agency educational efforts are currently active as of spring 2003 - the State of Hawaii's "Living Reef Campaign" and a statewide sail of the voyaging canoe, Hōkūle'a, conducted by the Polynesian Voyaging Society and Bishop Museum.	Partner agency education efforts identified, prioritized and included in annual education plan.	Initiated and Ongoing	B
ED2	ED-2: Develop materials to support education and outreach efforts about the Reserve, the marine environment of the NWHI, and coral reef ecosystems.				
ED2.1	1. Develop a collection of printed materials that will be used as education resources and tools, and where possible produce Hawaiian language versions of the same.	Ongoing, continuous process	Printed materials such as brochures, resource guide, posters, and handbooks collected or created.	Initiated and Ongoing	A
ED2.2	2. Produce traveling exhibits and other materials for outreach events.	Initial traveling display has been created and is being improved to include games, young people's activities and specific materials for different target audiences. Work to improve and develop new displays will be an ongoing, continuous process	Interpretive displays, exhibits, and interactive kiosks at the Hilo Discovery Center designed and constructed.	Initiated and Ongoing	B

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ED2.3	3. Create multi-media and web-based content for general public education.	Efforts to continuously improve the interagency website and the Reserve's http://hawaiireef.noaa.gov website will be ongoing. New and improved multi-media products will be created and improved on a continuous basis, pending available funds.	Interactive DVD, interactive website including distance learning opportunities developed.	Initiated and Ongoing	B
ED2.4	4. Produce PowerPoint presentations, slideshows, handouts, etc. for community and professional presentations.	Developing audience-specific, timely presentation is an ongoing and continuous process.	PowerPoint presentations, multi-media products developed and continuously improved.	Initiated and Ongoing	B
ED2.5	5. Develop media outreach materials as prioritized in annual communication plans.	Additional media products will be developed in concert with annual communications plans.	Image database established and catalogued. Interaction with target audiences and the general public increased annually. Media products developed, as called for in annual communications plans.	Initiated and Ongoing	B
ED2.6	6. Ensure Linkages to partner agency website and message programs that include regulation and management issues of partner agencies.	Ongoing.	Interactive DVD, interactive website including distance learning opportunities developed.	Initiated and Ongoing	B
ED3	ED-3: Teach responsibility and stewardship through educational programs, partnerships and outreach events.				
ED3.1	1. Coordinate with teachers statewide to create NWHI curriculum for grades K-12 and make them available nationwide.	K-12 curriculum creation has begun and will be ongoing.	NWHI based K-12 curriculum developed and aligned with State of Hawai'i, DOE Standards.	Initiated and Ongoing.	C

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ED3.2	2. Coordinate and participate in annual teacher workshops across the State of Hawai'i regarding NWHI curriculum.	The first set of teacher workshops were conducted by NWHI partner organizations in 2002. Ten additional teacher workshops are being conducted statewide in spring 2003, coordinated with a statewide sail of the voyaging canoe Hōkūle'a. Additional teacher workshop opportunities will be provided annually.	Teacher workshops conducted annually.	Initiated and Ongoing	C
ED3.3	3. Strengthen partnerships with the State of Hawai'i Department of Education, charter, and private schools throughout the state of Hawai'i, in order to incorporate NWHI information within school curriculum.	Ongoing.	State Department of Education, charter, and private schools throughout Hawai'i, incorporate NWHI information within school curriculum.	Initiated and Ongoing	C
ED3.4	4. Participate in public and community outreach events.	The Reserve and its educational partners have participated in numerous community and public events since the Reserve's inception in 2001. This activity will continue to be ongoing.	Reserve participated in at least 25 community and public events each year. A record produced of all created material, presentations, events, and activities to track benchmarks and the evaluation process.	Initiated and Ongoing	C
ED3.5	5. Develop and implement media strategies to publicize programs and events.	This activity will be ongoing.	Media coverage obtained for key programs and events.	Initiated and Ongoing	B
ED4	ED-4: Develop interpretive, educational and volunteer programs for Discovery Centers.				
ED4.1	1. Develop volunteer programs to help run the facilities and programs.	To begin developing program in summer 2004 and will be ongoing.	Discovery Centers volunteer programs developed, volunteers recruited and trained.	Initiated and Ongoing	A
ED4.2	2. Develop outreach plan to identify target constituencies and build volunteer capacity to accommodate specific visitor groups (e.g. k-3, 4-6, 7-9, general public, Hawaiian language, tourists etc.)	Outreach plan will be completed by early 2004. Build-out of volunteer capacity began in summer 2003 and will be ongoing.	Outreach plan completed and implemented for Discovery Centers. Schools recruited for regular visits.	To be initiated	B
ED4.3	3. Conduct outreach to schools to build annual school visitation programs with State Department of Education, charter and private schools.	Outreach will begin in spring 2003 and be ongoing.	Outreach to schools conducted.	Initiated and Ongoing	B

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ED4.4	4. Develop and implement school visitation calendars.	A school visitation calendar for the Mokupapapa Discover Center has been initiated in summer 2003 and will be routinely updated and added to as staff and participation allows. Additional calendars will be developed as new facilities come on-line.	School visitation calendar developed and implemented.	Initiated and Ongoing	B
ED4.5	5. Develop Hawaiian language interpretive tours for Hawaiian Language immersion schools.	Completion will be dependent upon the acquisition of Hawaiian Language capacity in staff. Once the capacity is acquired program completion date for the Mokupapapa Discovery Center will be six months hence.	Hawaiian language interpretive tour developed and put into use.	Initiated and Ongoing	B
ED4.6	6. Provide marine science students with knowledge of the NWHI so that they can better aid in future research expeditions.	Programs and use of the wet lab facility at the Mokupapapa Discover Center will commence fall semester of 2004.	Marine Science students actively use the wet lab at the Mokupapapa Discover Center.	Post-Designation	B
ED4.7	7. Develop and coordinate educational and community programs such as community reef walks, speaker programs, and programs for local school groups	Community outreach programs will be developed once core programming and materials are developed for use in the NWHI Discovery Centers. The projected start of community programs is spring 2004.	Community educational programs developed and implemented.	Initiated and Ongoing	C
ED4.8	8. Continue to enhance and "fine-tune" Discovery Center exhibits in response to visitor feedback and the growing scientific knowledge about the marine ecosystems of the NWHI.	Continuous process. Mechanisms for evaluating effectiveness of exhibit design and orientation will be developed by in early 2004. Enhancements will be ongoing as funding permits.	Visitor feedback and evaluation mechanisms designed, produced and implemented. Exhibitory refined and improved on a regular basis.	Initiated and Ongoing	B
ED5	ED-5: Target outreach and education activities toward specific stakeholder groups.				
ED5.1	1. Identify current and future stakeholder groups.	Completed in 2003, and is ongoing.	Stakeholder groups identified	Initiated and Ongoing.	A

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ED5.2	2. Customize existing education and outreach materials to identified stakeholder audiences so that they will be of maximum interest and effect.	Ongoing as new educational materials come out and new stakeholders identified.	Environmental best practices utilized in targeted user group outreach.	Initiated and Ongoing	B
ED5.3	3. Utilize environmental and cultural best practices guidelines (see Research and Cultural Resources Action Plans) and EO provisions, specific to the NWHI ecosystem, in user group outreach efforts and materials.	he best practices will be identified and developed under the Research and Cultural Action Plan Strategy 2 and 3, respectively. The use of these best practices will be ongoing, and continuously reviewed and updated. Some general guidelines are currently available and were used in the NOWRAMP 2002 research cruise.	Brochures, handbooks, PowerPoint, and video presentations created for specific stakeholder groups.	Initiated and Ongoing	B
ED5.4	4. Develop best practices brochures and handbooks available for specific user groups and enlist them as conscious stewards of the Reserve.	First handbooks and program materials to be completed in 2004.	System to disseminate material to specific user groups, in coordination with partner agencies developed.	Initiated and Ongoing	C
ED5.5	5. Develop a system to disseminate material to specific stakeholder groups, including training programs and videos for user groups.	The completion of this activity will be dependant upon completion of Activity 3 and partner agency review.	Training programs for specific user groups developed in coordination with partner agencies.	Post-Designation	C
ED6	ED-6: Coordination and oversight of education and outreach activities and information throughout the ROP.				
ED6.1	1. Continued coordination among staff, Reserve Advisory Council working groups and partner agencies to facilitate coordinated education and outreach efforts.	Ongoing.	Reserve education and outreach efforts well coordinated among staff, partner agencies, and the Reserve Advisory Council.	Initiated and Ongoing	B
ED6.2	2. Provide regular updates on ongoing and upcoming education projects through Reserve Education Coordinator.	Ongoing.	Regular updates provided to the Reserve Advisory Council and partner agencies on education and outreach projects and activities.	Initiated and Ongoing	B
ED6.3	3. Require education and outreach components of all permitted activities to be completed by the permittee and develop criteria describing implementation and completion.	Evaluation and facilitation will be ongoing once the requirement is built into the permitting structure.	Education and outreach materials and content distributed. Duplicative education and outreach efforts eliminated.	Post-Designation	B
ED6.4	4. Conduct evaluation of educational and outreach materials by partner agencies, Reserve Advisory Council education working group and other experts as needed.	Ongoing.	Education and outreach materials evaluated for consistency and accuracy.	To be initiated	B

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ED7	ED-7: Develop and invest in telepresence and other distance learning capabilities to bring the place to the people instead of the people to the place.				
ED7.1	1. Research and develop telepresence and distance-learning technologies, including cost-benefit analysis, and identification of partners to share in costs.	Began in summer 2003 and will be ongoing.	A comprehensive feasibility assessment of technology available for telepresence and distance learning conducted.	Initiated and Ongoing	B
ED7.2	2. Create mechanisms for distribution, such as web sites, and find venues for reception and airing of telepresence content.	Enhancement of current websites will be ongoing.	Telepresence and web-based learning capacities established.	Initiated and Ongoing	B
ED7.3	3. Offer opportunities for students and the general public to experience the NWHI through transmitted and recorded images.	Several facilities for the airing of recorded content are already in place, and new venues and opportunities will be pursued. Reception and airing of live or 'bursting' content will need additional resources that may be acquired on an as needed basis as funds allow and the program grows.	Distribution avenues via web sites, at the NWHI Discovery Center, and partner agency venues established.	To be initiated	B
ED7.4	4. Coordinate with other high technology efforts and other educational initiatives that use telepresence technology for distance learning opportunities, and to create virtual classrooms.	Discussion is already underway for a multi-agency project at Midway Atoll National Wildlife Refuge. Depending upon funding and interagency cooperation and approval, a pilot project could begin as soon as 2004.	Execution of a joint multi-agency education project based at Midway Atoll National Wildlife Refuge.	Initiated and Ongoing	C
ED7.5	5. Develop a teacher at sea program, with streaming content back to classrooms nationally.	A pilot program may be executed in 2004 depending upon ship berth availability and funding.	First teacher at sea program conducted in 2004 with one teacher participating. Future programs conducted based on success and evaluation of first program.	Initiated and Ongoing	C
	Enforcement				

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EN1	EN- 1: Establish a study team to investigate new and emerging remote sensing technologies for surveillance and monitoring.				
EN1.1	1. In consultation with partnering agencies and with input from the Council, identify and select study team members and convene meetings.	Initial discussions have already been initiated and are ongoing.	Increased collaboration among multiple agencies that share the responsibility of monitoring the Reserve.	Completed	A
EN1.2	2. Organize and conduct a workshop to identify the range of options of currently available and emerging technologies for surveillance and monitoring of the Reserve.	Workshop to be conducted in early 2004.	Multi-agency workshop conducted.	Completed	A
EN1.3	3. In consultation with partnering agencies, utilize workshop recommendations to develop a prioritized list of viable options for carrying out efficient and cost-effective surveillance and related monitoring of the Reserve.	A range of viable options produced by the end of 2004 and presented to the Council in a timely manner.	A prioritized list of available and emerging technologies available for monitoring in the NWHI that have been evaluated by partners and experts in the field.	Initiated and Ongoing	A
EN1.4	4. Implementation of plan developed for the use of technology surveillance and monitoring of the Reserve (link with EN- 4).	To begin once plan is adopted.	Results of workshop presented in a timely manner to the Council.	Initiated and Ongoing	A
EN2	EN- 2: Implement existing Vessel Monitoring System (VMS) and conduct research development and operational evaluation of Remote Acquisition of Depth Sounding (RADS).				
EN2.1	1. The Secretary will carry out consultations with USCG and DOD regarding use of existing VMS. If warranted, request these agencies implement a domestic vessel monitoring system.	Carry out consultations as required by Sec 5(b)(10) of the EO as soon as possible.		Initiated and Ongoing	A
EN2.2	2. The Secretary will carry out consultations with Dept. of State and, if warranted, request that the International Maritime Organization (IMO) adopt a mandatory VMS for the Reserve.	Implement the results of consultations under Section 5(b)(10) of the EO as soon as possible.		Post-Designation	A
EN2.3	3. Support research and development start up costs, where gaps are identified, related to improved surveillance technology in an expanded VMS in the NWHI.	Ongoing.		Initiated and Ongoing	A
EN2.4	4. Make recommendations to the technology study team	Began in spring 2003 and will continue throughout the operations of the Reserve.		Initiated and Ongoing	A
EN2.5	5. Purchase and install additional transducers for the VMS, if warranted and approved.	To begin as soon as possible.	Development and implementation of real-time, increased capacity (depth-position capable) VMS hardware and software completed.	Initiated and Ongoing	A

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EN3	EN- 3: Publish Federal Register Notice defining permitting guidelines and requirements.				
EN3.1	1. Develop definitions and guidelines for permits.	The Reserve Advisory Council has initiated the process of providing advice definitions and guidelines for permitting research, education, monitoring, or other management activities and will be ongoing.	Definitions and guidelines for permits developed.	Initiated and Ongoing	A
EN3.2	2. Publish a notice seeking comment on conducting research, monitoring, education, or management activities that further the management principles of the EO.	2004	A notice seeking public comment for permitting certain activities.	Revised	A
EN4	EN- 4: Develop and implement a coordinated enforcement plan for the Reserve, in conjunction with agency partners.				
EN4.1	1. Establish interagency enforcement committee to develop a coordinated enforcement presence for the NWHI. Additional formalized agreements with partnering agencies will be developed, as necessary (see Operations Action Plan, OP-3, Activity #8).	Formal interagency enforcement committee established early 2004.	Use patterns of the Reserve are more clearly defined.	Initiated and Ongoing	A
EN4.2	2. Implement the enforcement plan which will include the following elements: Air and sea support for enforcement authorities, as deemed appropriate; Dockside monitoring program developed in conjunction with partners; Clarification of State catch database to assure area accuracy; Development of straight-line boundaries; Use of remote technologies for surveillance and monitoring.	Federal Register Notice and Comment Actions, mid-2004.	Catch and other resources landed from the Reserve are monitored.	Initiated and Ongoing	A
EN4.3	3. Establish an education and outreach program to inform the public and users of the conservation measures to improve compliance with the EO and any instances of non-compliance with the EO once they become public record.	Ongoing.	Oral, written, and video presentation material about Reserve resources produced.	To be initiated	A
EN4.4	4. Build capacity as required among partnering agencies to effectively carry out enforcement in the NWHI.	Ongoing.	Air and sea support in the Reserve increased, if warranted.	Initiated and Ongoing	A
	Native Hawaiian Cultural Resources				
NH1	NH- 1: Continue research, compilation, and cataloging of existing cultural and historical information.				

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NH1.1	1. Identify, collect and review collections, including publications of limited distribution, archived at various research institutions.	Ongoing.	Published and unpublished materials pertaining to cultural activities and sites in the NWHI identified, reviewed and collected. Appropriate Hawaiian place names for islands and reefs identified and accepted by the Native Hawaiian community.	Initiated and Ongoing	B
NH1.2	2. Expand on current efforts to establish an annotated, web-searchable bibliography.	Will begin once resources to develop such a database are acquired.	A web-searchable database created.	Post Designation	B
NH1.3	3. Develop a scope of work, job description, and timeline for the hiring of a Native Hawaiian cultural advisor, in consultation with the Council's Cultural Working Group and group of experts (described above).	To be completed as soon as possible.		Initiated and Ongoing	A
NH1.4	4. Hire a Native Hawaiian cultural advisor.	This is a high priority for the Reserve. Hiring will take place as soon as the resources are allocated and job requirements are developed.	Native Hawaiian cultural advisor hired.	Initiated and Ongoing	A
NH2	NH- 2: Develop criteria and identify locations for Native Hawaiian use.				
NH2.1	1. Identify culturally significant noncommercial subsistence, cultural and religious uses and locations within the Reserve, and surrounding areas, in consultation with the Native Hawaiian community and partners.	Began in 2003 and is ongoing.	Culturally significant noncommercial subsistence, cultural and religious uses and locations identified within the Reserve and surrounding areas.	Initiated and Ongoing	A
NH2.2	2. Seek Traditional Cultural Places status for selected important wahi kupuna.	To begin in 2004.	Traditional Cultural Places status for selected wahi kupuna designated.	Post Designation	B
NH2.3	3. Develop criteria to help evaluate proposed uses in order to determine whether such uses are culturally appropriate.	Began in 2003. Modifications and improvements to these criteria are ongoing.	Criteria established to assess the appropriateness of proposed cultural uses in Reserve waters and surrounding areas.	Initiated and Ongoing	B
NH2.4	4. Develop protocols for cultural uses conducted in the Reserve and surrounding areas.	Began in 2003. Modifications and additions to these protocols are ongoing.	Protocols developed for Native Hawaiian activities conducted in the Reserve and surrounding areas.	Initiated and Ongoing	B
NH2.5	5. Facilitate dialogue between management partners and Native Hawaiian communities to discuss the needs and purpose for potential access to the NWHI.	Began in 2002. Dialogue is ongoing.	Need and purpose for Native Hawaiian access identified.	Initiated and Ongoing	B
NH3	NH- 3: Develop culturally-appropriate criteria, provisions and constraints for access and development of Reserve permits.				

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NH3.1	1. Identify threats from and impacts of all past, present, and proposed future activities in the Reserve and surrounding areas.	Many threats and potential impacts have already been identified. Completion of the identification will be based on the development and completion of GIS database described under RM-1 of the Research Action Plan.	Threats and impacts on culturally sensitive areas identified.	Post Designation	A
NH3.2	2. Draft guidelines and criteria to conduct activities in a culturally appropriate manner in the Reserve and surrounding areas, in consultation with the Native Hawaiian community and partner agencies.	To begin in 2004.	Written guidelines and criteria developed which demonstrate respect for the traditional values of the Native Hawaiian host culture.	Initiated and Ongoing	B
NH3.3	3. Identify, prioritize and evaluate proposed activities in the Reserve and surrounding areas, using criteria developed in Activity 2.	To begin after criteria developed.	Activities comply with the criteria developed.	Initiated and Ongoing	B
NH3.4	4. Integrate criteria developed under this Strategy with the overall Reserve permitting procedures described in the Operations Action Plan.	To begin after the above activities are completed, will be ongoing thereafter.	Written guidelines and criteria integrated with the overall permitting procedures of the Reserve.	Initiated and Ongoing	B
NH4	NH- 4: Develop and implement a cultural resources curriculum and education program to increase dissemination of NWHI cultural information.				
NH4.1	1. Develop and implement a cultural resources education program on the NWHI that includes basic educational materials.	This is a high priority for the Reserve. To begin as soon as funds and staffing are available.	Basic education materials developed.	Initiated and Ongoing	B
NH4.2	2. Create and disseminate new curricula for use in Hawaii schools.	To begin as soon as funds and staffing are available.	Curriculum developed and disseminated in Hawaii schools.	Post Designation	C
NH4.3	3. Develop and implement an undergraduate Hawaiian Studies course that focuses on the NWHI.	Initial planning has begun. Course(s) to be offered in 2004-2005 school year and continue as long as funds are available.	A Hawaiian Studies course on the NWHI and lessons developed. Course(s) implemented.	Initiated and Ongoing	B

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NH4.4	4. Develop and implement a program to study and perpetuate traditional navigation.	To begin as soon as funds and staffing are available.	A plan developed for disseminating components of this curriculum to the Native Hawaiian community, as well as the general public. Elements of the plan implemented.	Post Designation	C
NH4.5	5. Facilitate access to the Reserve for Native Hawaiian cultural practitioners, kumu hula (master-level teachers of dance), and artists to create new mele (song), oli (chant), hula (dance) and other art forms for use in contemporary Hawaiian culture.	To begin as soon as funds and staffing are available.	Access for Native Hawaiian cultural practitioners and artists facilitated.	Initiated and Ongoing	B
NH4.6	6. Develop and implement a Strategy for the dissemination of educational materials in schools and other forums targeting the general public.	To begin as soon as funds and staffing are available.	A strategy developed to disseminate educational materials to schools and to the general public. Educational materials disseminated to schools.	To be initiated	B
Maritime Heritage					
MH1	MH- 1: Construct document-based inventory for the NWHI.				
MH1.1	1. Identify, collect and review publications, data sets, and documents archived at various locations.	Ongoing.	Comprehensive review and evaluation of published and unpublished materials and data sets from archives completed.	Initiated and Ongoing	A
MH1.2	2. Create maritime heritage reference collection for Reserve; catalogue selected books, photographic data, unpublished manuscripts, etc.	Reference collection complete by fall 2004.	Reference collection of documents relating to maritime heritage in the NWHI created.	Initiated and Ongoing	C
MH1.3	3. Adapt preservation criteria to historic setting of the Reserve, and prioritize documented sites in terms of these criteria.	Prioritization of known maritime resources will be complete by fall 2004.	Prioritized selection of maritime resources in the NWHI for future use drafted.	Initiated and Ongoing	C
MH2	MH- 2: Carry out field survey and assessment of maritime resources.				
MH2.1	1. Conduct surveys of potential maritime resource threats to the ecosystems of the Reserve and complete an initial assessment of their conditions.	Assessment of potential environmental threats will begin in summer of 2004 as part of diving surveys (Activity #3).	Data records from remote sensing surveys (magnetometer records, side scan sonar digital files) compiled and archived.	Initiated and Ongoing	B
MH2.2	2. Carry out remote sensing surveys by using appropriate tools for both known and potential (unknown) submerged maritime resources.	Remote-sensing surveys will begin in summer 2004 at Midway and Kure, contingent on procuring funding and equipment.	Data records from survey dives (measured sketches, still and video digital imagery) compiled and archived, and written field assessments from survey dives completed.	Initiated and Ongoing	A

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MH2.3	3. Plan and direct assessments of located targets within appropriate diving ranges and conditions.	Diving surveys will begin in summer of 2004 at Midway and Kure.		Initiated and Ongoing	A
MH2.4	4. Conduct shore surveys as permitted for maritime resource material.	Initial shore surveys will begin in summer 2004 at Midway and Kure. Subsequent additional shore surveys to be conducted on other islands as funding and agreement with jurisdictional partners is negotiated.	Shore survey data compiled.	Initiated and Ongoing	C
MH2.5	5. Arrange for appropriate surveys of historic deep-water targets as warranted.	Deep-water maritime archaeology work will begin pending grant proposal acceptance, summer 2004.	Deepwater targets investigated.	To be initiated	B
MH2.6	6. Carry out recovery and proper conservation of diagnostic artifacts where warranted.	Pending permitting process and coordination with partner agencies, location of conservation facilities and long-term storage/display facilities, etc.	Recovery of artifacts (where warranted).	To be initiated	C
MH3	MH- 3: Develop and implement maritime heritage management protocols.				
MH3.1	1. Create draft management protocols and circulate for approval.	Outlining the management guidelines for the NWHI will begin immediately. A draft guideline for NOAA maritime archaeology program completed with partner review by early spring, 2004.		To be initiated	B
MH3.2	2. Submit revised draft to NOAA Submerged Cultural Resources Program.	Revised draft for NOAA review will be completed by summer 2004.	A comprehensive design which clarifies approaches and procedures for the study and preservation of maritime resources in the Reserve and adjacent waters completed.	To be initiated	C
MH3.3	3. Implement finalized document.	Ongoing throughout plan period.		To be initiated	C

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MH3.4	4. Create database and links available to related resource managers.	Databases are flexible: work will be ongoing. No access to the database will occur, however, prior to approval of management design January 2004.	A searchable database for maritime resources online (restricted access) created.	Initiated and Ongoing	C
MH4	MH- 4: Develop and implement outreach and education component for maritime heritage consistent with the Education Action Plan.				
MH4.1	1. Prepare public information document on maritime heritage management and preservation laws as they pertain to the Reserve and adjacent waters.	Short public document emphasizing management approach to be completed by fall 2004.	Informational material addressing management priorities completed.	Initiated and Ongoing	B
MH4.2	2. Prepare maritime heritage educational materials featuring conservation and protection of the Reserve.	Educational material preparation was initiated fall 2003; ongoing throughout plan period.	Public educational material assembled.	Initiated and Ongoing	B
MH4.3	3. Add educational maritime content to the Reserve's web site(s).	Material available on web site(s) posted fall 2003 and updates will be ongoing.	Maritime heritage information online.	Initiated and Ongoing	C
MH4.4	4. Identify appropriate local institutions for cooperative learning projects and presentation venues.	Location of educational venues have been initiated and presentations began fall 2003.	Cooperative partnership with local educational institutions formed.	Initiated and Ongoing	C
MH4.5	5. Develop experiential training program for volunteers and in-house staff.	Implementation of experiential training program to begin fall 2005.	Experiential training program implemented.	To be initiated	C
Research and Monitoring					
RM1	RM- 1: Identify and review all past and present research and monitoring activities conducted in the NWHI.				
RM1.1	1. Assist in the continued development of the spatial GIS bibliographic database.	Ongoing.	A GIS database developed, incorporating the information described above.	Initiated and Ongoing	B
RM1.2	2. Expand annotated Reserve bibliography begun by Bishop Museum including published manuscripts, research findings, historical accounts, popular publications, etc.	Bishop Museum bibliography was completed in early 2003; literature search and additions to the bibliography will be ongoing.	A bibliographic database completed, that will include all known research in the NWHI.	Initiated and Ongoing	B

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RM1.3	3. Collect and catalogue selected books, photographic data, articles, published and unpublished manuscripts and unanalyzed data sets not readily available through journals or NWHI collection at the University of Hawaii's Hamilton Library.	The collections will begin upon the acquisition of adequate staffing and resource funding.	Specialty resource collection related to research activities in the NWHI established.	Initiated and Ongoing	C
RM1.4	4. Facilitate and participate in collaborative workshops, conferences, symposia and other meetings in the future.	Participate as opportunities arise.	Collaboration with partners enhanced to allow staff to stay current with ongoing research activities.	Initiated and Ongoing	B
RM2	RM- 2: Develop ecologically-appropriate criteria, provisions and constraints for Reserve permits and access.				
RM2.1	1. Identify threats from and impacts of research and monitoring activities to Reserve resources.	Some threats and potential impacts have already been identified. Completion of the identification will be based on the development and completion of GIS database described under RM- 1 of this section. This is a high priority for the Reserve.	Threats and potential impacts from research and monitoring activities identified.	Initiated and Ongoing	A
RM2.2	2. Draft protocols or guidelines, in consultation with partner agencies that address threats and potential impacts to Reserve resources which will be presented as best management practices to be followed when conducting research in Reserve waters.	To begin spring 2004.	Written guidelines and protocols developed for safely conducting research in the NWHI.	To be initiated	A
RM2.3	3. Develop research-specific criteria for identifying, prioritizing, and evaluating research and monitoring activities in the Reserve.	Initial criteria to be developed prior to 2004 field season.	Research-specific criteria for identifying, prioritizing, and evaluating research and monitoring activities identified and integrated with overall Reserve permitting procedures.	Initiated and Ongoing	B
RM2.4	4. Integrate the above criteria with the development of overall Reserve permitting procedures described in the Operations Action Plan.	To begin once initial criteria is developed and under the MOA described in OP- 3 (Activity 2) of the Operations Plan.		Initiated and Ongoing	B
RM2.5	5. Establish an integrated process to identify and track all activities in the Reserve for which a permit has been issued, including research, monitoring, education, recreational and commercial fishing.	To begin once permit process has been developed and implemented.		Initiated and Ongoing	B

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RM3	RM- 3: Develop a research and monitoring plan for the Reserve and a proposed NWHI regional science plan with input from partnering agencies and the broader scientific community.				
RM3.1	1. Create a research and monitoring plan considering workshop priorities that contribute to the long-term conservation and management of the NWHI Reserve.	To be completed by end of 2003.	NWHI multi-agency regional science workshop conducted.	Completed	B
RM3.2	2. Summarize workshop products, working collaboratively with partnering agencies, into a multi-agency regional science action plan.	To be completed by the end of 2004.	Research and monitoring plan written for the Reserve.	Initiated and Ongoing	A
RM3.3	3. Implement multi-agency regional science plan with partners, which include logistical support and ship-time.	To begin after multi-agency regional science action plan is developed and ongoing.	NWHI multi-agency regional science action plan drafted	Initiated and Ongoing	B
RM4	RM- 4: Assess and monitor ecosystem integrity and function of NWHI ecosystems.				
RM4.1	1. Develop baseline inventory of biological resources	Ongoing.	Biodiversity and biogeography of the NWHI documented.	Initiated and Ongoing	A
RM4.2	2. Assess ecosystem connectivity within the NWHI and between the NWHI and the Main Hawaiian Islands (including recruitment, stock isolation, source and sink areas, and stock resilience).	To begin by 2004 field season.	Descriptions of new species published and species checklists created.	Initiated and Ongoing	B
RM4.3	3. Characterize the types and distributions of marine habitats in the NWHI (as with Activity 2, this involves an understanding of ocean current patterns, wave energy distribution patterns and other oceanographic conditions).	Ongoing in some areas; spatial coverage to expand in 2003 and 2004 field seasons. Multi-agency monitoring efforts began in 1999, and have continued with NOWRAMP cruises and State efforts at Kure Atoll.	Habitat types and their spatial distributions in the NWHI identified.	Initiated and Ongoing	A
RM4.4	4. Establish a monitoring program for shallow reef sites.	Began in 2001, to be completed by 2005.	Monitoring program for shallow reefs established.	Initiated and Ongoing	A
RM4.5	5. Establish monitoring on deep reefs sites, including Raita and St. Rogatien Banks.	Began in 2001, monitoring to be completed by 2005. Will require one year follow-up analysis	Biological and physical impacts of take on deepwater banks (beginning at Raita and St. Rogatien) and their resources documented.	Completed	A

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RM4.6	6. Continue ongoing monitoring efforts and target research activities based on results of monitoring.	Ongoing.	Information on the physical and biological parameters that connect the NWHI to the Main Hawaiian Islands acquired.	Initiated and Ongoing	A
	Mapping				
MP1	MP- 1: Assist in the development of revised charts of the NWHI to enable enforcement of the EO and management of the Reserve.				
MP1.1	1. Collect appropriate bathymetric data for revision of nautical charts.	Ongoing. Initial bathymetric data for RPAs has been collected and will be ongoing.	Bathymetric data for the 25- and 100-fathom contours in the NWHI collected.	Initiated and Ongoing	A
MP1.2	2. Update current chart data using best available information.	Ongoing. Immediate issuance of "local notice to mariners" with text descriptions of RPA and Reserve boundaries on existing maps to be completed as soon as information becomes available.	Nautical charts incorporating new bathymetric data revised.	Post Designation	A
MP1.3	3. Generate draft GIS compatible boundary files.	Ongoing.		Initiated and Ongoing	A
MP1.4	4. Produce working chart depicting the Reserve and RPA boundaries.	Very high priority. Will be completed as soon as possible.	Boundaries for the Reserve and Reserve Preservation Areas clearly defined.	Initiated and Ongoing	A
MP1.5	5. Publish notification in the Federal Register referencing the boundaries.	To be initiated following completion of Activity 3.	Federal Register Notice referencing boundaries for the Reserve published.	To be initiated	A
MP2	MP- 2: Assist in finalizing the draft Atlas of the Shallow-Water Benthic Habitats of the NWHI.				
MP2.1	1. Obtain field verifications and ground-truthing for substrate types and cover represented in the current draft Atlas.	Ongoing. Further ground-truthing will occur during upcoming 2004 field seasons.	Atlas of the Shallow-Water Benthic Habitats of the NWHI finalized.	Initiated and Ongoing	A
MP2.2	2. Suggest additions, deletions and other modifications to the text and plates of the draft Atlas.	Ongoing.	Atlas of the Shallow-Water Benthic Habitats of the NWHI finalized.	Initiated and Ongoing	B
	Response, Damage Assessment and Restoration				
RD1	RD- 1: Conduct an assessment of restoration needs.				

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RD1.1	1. Record location and nature of degraded resources during field activities in the Reserve. Assessment conducted concurrently with habitat characterization and monitoring activities.	Ongoing, to be summarized by early 2004.	Priority list of damaged or degraded resources in Reserve waters developed.	To be initiated	B
RD1.2	2. Review existing information and consult with the Reserve Advisory Council, management partners, and other knowledgeable parties to develop a priority list of restoration areas/projects.	To be completed by summer 2004.	List of remediation required for damaged or degraded resources prioritized.	To be initiated	B
RD2	RD- 2: Compile a list of all responder and stewardship agencies and available resources involved in responding emergency response situations.				
RD2.1	1. Develop an inventory of the existing response and assessment structures for the NWHI, in consultation the NOAA Office of Response and Restoration, the Oceania Regional Response Team and other appropriate jurisdictional response groups.	The inventory will be completed by the end of 2004.	An inventory of existing emergency response and damage assessment resources and personnel compiled.	Initiated and Ongoing	B
RD3	RD- 3: Develop a contingency plan to determine how available agencies and resources will meet the needs of emergency response to minimize impacts.				
RD3.1	1. Evaluate and assess the existing response and assessment structures for the NWHI.	The analysis will begin in early 2004.	Assessment of existing emergency response and damage assessment resources and personnel completed.	To be initiated	B
RD3.2	2. Draft a contingency plan, in consultation with jurisdictional partners and all relevant agencies.	A contingency plan will be drafted by spring 2004.	Emergency response draft contingency plan completed.	To be initiated	A
	Marine Debris				
MD1	MD- 1: Assist in marine debris removal.				
MD1.1	1. Boats will be secured by the NOAA Fisheries Coral Reef Ecosystem Investigation program to serve as platforms to remove the debris.	The Reserve joined the interagency effort in FY01 with the intent to continue as an ongoing partner through FY04.	Projected removal of a substantial amount of the marine debris in the NWHI by the end of FY04.	Initiated and Ongoing	B
MD1.2	2. Participants from various agencies will systematically tour the NWHI to remove the debris.			Initiated and Ongoing	B

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MD1.3	3. Require all permitted research and monitoring activities in the Reserve to support marine debris removal efforts by noting the location and type(s) of marine debris encountered.			To be initiated	C
MD2	MD- 2: Assist in prevention of marine debris.				
MD2.1	1. Support NOAA Fisheries efforts to identify and track derelict fishing gear and other types of marine debris and their sources, using satellite remote sensing, surface drifters, and oceanographic models.	Ongoing.	Identification of sources and deposition rates of various types of marine debris.	To be initiated	B
MD2.2	2. Support education programs directed at commercial fishing, maritime industries and other potential sources of marine debris about the damage to coral reefs by marine debris.	Began in 2003 and ongoing.		Post Designation	B
MD2.3	3. Work with U.S. State Department to identify solutions to foreign debris sources, including, but not limited to permanent identification of fishing gear, bounties on recovered debris, and dockside gear accountability inspections prior to vessels departing for fishing trips and upon return from fishing trips.	Began in 2003 and ongoing.	Marine debris tracking techniques researched and developed.	To be initiated	C
MD2.4	4. Support NOAA Fisheries' work to catalog and inventory types of marine debris and deposition rates.	Ongoing.	Improved oceanographic models.	Initiated and Ongoing	C
MD2.5	5. Work with the North Pacific Fishery Management Council and Western Pacific Regional Fishery Management Council to determine if the types of marine debris found in the NWHI could be coming from commercial fisheries under the jurisdiction of these Fishery Management Councils. If it is determined that the commercial fisheries could be contributing to the NWHI marine debris problem, the Reserve will work with the Fishery Management Councils and work with NOAA Fisheries to initiate an accountability requirement for all vessels that utilize the type of gear contributing to marine debris in the NWHI. This could include permanent identification of fishing gear, dockside gear accountability inspections prior to vessels departing for fishing trips, and upon return from fishing trips.	To be completed by the end of 2004.	Stronger communication with domestic and international producers of marine debris in order to reduce the amount of marine debris entering the ocean.	To be initiated	C
MD2.6	6. Assist in carrying out the recommendations from the Marine Debris conference.	Ongoing.		To be initiated	B
	Sanctuary Designation				

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DES1	DES- 1: Prepare the foundation for sanctuary designation.				
DES1.1	1. Draft vision, goals, and objectives to define the purpose of the proposed sanctuary.	To be completed by early 2004.	Vision, goals, and objectives developed.	Completed	A
DES1.2	2. Develop a communications plan to clarify the roles of the NMSP, partner agencies, Reserve/Sanctuary Advisory Council, Western Pacific Regional Fisheries Management Council, and public.	To be completed by early 2004.	Communications plan, including a question and answer brochure and web updates completed.	Completed	A
DES1.3	3. Complete a project plan to coordinate all activities associated with the designation process.	To be completed by early 2004.	Project plan for the designation process written and implemented.	Completed	A
DES1.4	4. Oversee contracts for resource assessments, NEPA compliance documents, and various supporting sections of the draft management plan.	Planning and consultation began in 2002. Ongoing implementation of contracts will continue through the completion of the EIS.		Initiated and Ongoing	A
DES2	DES- 2: Identify and characterize key management issues related to the NWHI and develop strategies to address them.				
DES2.1	1. Identify key issues related to the management of the NWHI coral reef ecosystem.	To be completed by early 2004.	Key management issues identified for the NWHI region.	Completed	A
DES2.2	2. Review key issues with Reserve/Sanctuary Advisory Council utilizing comments from scoping, visioning, science workshop, partner agencies and EO.	To be completed by March 2004.	Key management issues prioritized with input from partner agencies and the Reserve/Sanctuary Advisory Council.	Initiated and Ongoing	A

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DES2.3	3. Characterize key issues and develop strategies to address each one in a sanctuary management plan working with partner agencies and the Reserve/Sanctuary Advisory Council.	To be completed by July 2004.	Strategies developed to address each of the key management issues for inclusion in the draft sanctuary management plan/draft EIS.	Initiated and Ongoing	A
DES3	DES- 3: Develop draft Environmental Impact Statement and management plan consistent with the guidance and direction of the Act, the NMSAA and the EO.				
DES3.1	1. Identify a range of sanctuary management alternatives, as required by NEPA, and describe the environmental and socioeconomic impacts of each.	To be completed by December 2004.	Draft EIS including a range of sanctuary management alternatives developed.	Initiated and Ongoing	A
DES3.2	2. Write the draft management plan, including the introductory and background sections, as well as the socioeconomic and ecological analyses.	To be completed by spring 2004.	Preferred and no action alternatives identified, as well as other alternatives.	Initiated and Ongoing	A
DES3.3	3. Draft proposed regulations to be released as a part of the draft management plan.	To be completed by spring 2004.	Draft regulations and system of penalties prepared as a part of the preferred alternative.	Initiated and Ongoing	A
DES3.4	4. Consult with partner agencies and the Reserve/Sanctuary Advisory Council on the draft management plan.	To be completed by summer 2004.		Initiated and Ongoing	A
DES4	DES- 4: Complete management plans and Environmental Impact Statement including the preferred management alternative for the region.				
DES4.1	1. Conduct public review of draft EIS and management plan, including hosting public meetings and providing a public review and comment period.	To be completed by November 2004.	Public meetings and associated comment period completed.	To be initiated	A
DES4.2	2. Record and respond to all oral, written, faxed, and e-mailed comments.	To be completed by December 2004.	Summary document and responses to the public comments completed.	To be initiated	A

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DES4.3	3. Draft a summary document describing the comments and the NMSP response; utilize it to improve the draft EIS and management plan.	To be completed by spring 2005.		To be initiated	A
DES4.4	4. Prepare, review, and release Record of Decision, which will include the final management plan to public, state, and federal consideration, which will conclude the NEPA process.	To be completed by summer 2005.	Management plan and EIS completed.	To be initiated	A